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APPLICANT(S) : Grotendorst et al.									
U.S. PATENT DOCUMENTS									
•		DOCUMENT NUMBER	DATE	NAME(S)	CLASS	SUBCLASS	FILING DATE		
	IS	5,876,730	3/2/99	Brigstock et al.	424	198.1	8/7/97		
FOREIGN PATENT DOCUMENTS									
•		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS	PERTINENT DRW SPEC	
•		OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
EXAMINER 		DATE 10/18/1		* A COPY OF THIS REFERENCE IS NOT BEING FURNISHED WITH THIS OFFICE ACTION. (SEE MPEP SECTION 707.05(a). PAGE 1 OF 1					

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office JUN 09 2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket No.: FIBR01130-2	Application No.: 09/461,646
	Applicants: CONNECTIVE TISSUE GROWTH FACTOR FRAGMENTS AND METHODS OF USES THEREOF	
	Filing Date: December 14, 1999	Group Art Unit: 1647 RECEIVED

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	TECH CENTER 1600/2000 SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATIO N (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AD	Steffen et al., "Characterization of Cell-Associated and Soluble Forms of Connective Tissue Growth Factor (CTGF) Produced by Fibroblast Cells In Vitro Growth Factors" <i>Harwood Academic Publishers GmbH</i> , Vol. 15, No. 3, pages 199-213, 1998.
	AE	Ball et al., "Characterization of 16- to 20-kilodalton (kDa) Connective Tissue Growth Factors (CTGFs) and Demonstration of Proteolytic Activity For 38-kDa CTGF in Pig Uterine Luminal Flushings", <i>Biology of Reproduction</i> , Vol. 59, No. 4, October 1998.
	AF	Shimo et al., Inhibition of Endogenous Expression of Connective Tissue Growth Factor by its Antisense Oligonucleotide and Antisense RNA Suppresses Proliferation and Migration of Vascular Endothelial Cells", <i>Journal of Biochemistry</i> , Vol. 124, No. 1, July 1998.

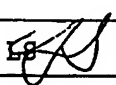
EXAMINER 	DATE CONSIDERED 8/14/03
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Form 1449


Gray Cary\GT\6351664.1
104660-159082

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.: FIBR01130-2	Application No.: 09/461,646
JUN 09 2003 RECEIVED	Applicants: CONNECTIVE TISSUE GROWTH FACTOR FRAGMENTS AND METHODS OF USES THEREOF	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 14, 1999	Gr up Art Unit: 1647

	AG	Frazier et al., "Stimulation of Fibroblast Cell Growth, Matrix Production and Granulation Tissue Formation By Connective Tissue Growth Factor", <i>Journal of Investigative Dermatology</i> , Vol. 107, No. 3, 1996.
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Form 1449

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office AUG 02 2001	Docket No.: FIBRO1130-2	Application No.: 09/461,646
	Applicants: Grotendorst and Neff	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 14, 1999	Group Art Unit: 1647

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

LS	AA	Mori, et al. "Role and Interaction of Connective Tissue Growth Factor with Transforming Growth Factor-B in Persistent Fibrosis: A Mouse Fibrosis Model," <i>Journal of Cellular Physiology</i> , 181:153-159 (1999).
LS	AB	Nakanishi, et al. "Cloning of mRNA Preferentially Expressed in Chondrocytes by Differential Display-PCR from a Human Chondrocytic Cell Line that is Identical with Connective Tissue Growth Factor (CTGF) mRNA," <i>Biochemical and Biophysical Research Communications</i> , 234:206-210 (1997).
LS	AC	Pawar, et al. "Differential Gene Expression in Migrating Renal Epithelial Cells After Wounding," <i>Journal of Cellular Physiology</i> , 165:556-565 (1995).

L. Spector 7/12/01

Paper # 17

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. FIBRO1130-2	Serial No.: 09/461,646
	Applicant(s): Grotendorst et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 14, 1999	Group Art Unit: 1646

U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATIO N (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

/	AW	Nakanishi et al., "Cloning of a mRNA Preferentially Expressed in Chondrocytes by Differential Display-PCR from a Human Chondrocytic Cell Line That Is Identical with Connective Tissue Growth Factor (CTGF) mRNA," <i>Biochemical and Biophysical Research Communications</i> , 234:206-210 (1997)
/	AX	Pawar et al., "Differential Gene Expression in Migrating Renal Epithelial Cells After Wounding," <i>Journal of Cellular Physiology</i> , 165:556-565 (1995)

Also cited in paper #17

EXAMINER <i>J. Spector</i>	DATE CONSIDERED <i>2/12/01</i>
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Paper #4

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. FIBRO110-2	Serial No.: 09/461,646
	Applicant(s): Grotendorst and Neff	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 14, 1999	Group Art Unit: 1646

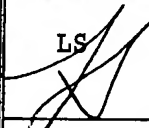
U.S. PATENT DOCUMENTS

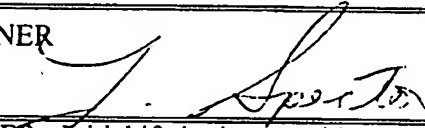
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

LS 	Brigstock et al., "Purification and Characterization of Novel Heparin-binding Growth Factors in Uterine Secretory Fluids," <i>The Journal of Biological Chemistry</i> 272(32):20275-20282 (August 8, 1997)

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. FIBRO1130-2	Serial No.: 09/461,646
	Applicant(s): Grotendorst et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 14, 1999	Group Art Unit: 1646 / 647

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LS	AA	5,408,040	4/18/95				
LS	AB	5,585,270 *	12/17/96				
LS	AC	5,783,187 *	7/21/98				
LS	AD	5,770,209	6/23/98				
LS	AE	5,837,258	11/17/98				
LS	AF	5,916,756 *	6/29/99				


* Copy of this Patent is not enclosed as it is cumulative of Patent No. 5,408,040.

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LS	AG	WO 96/38172	12/5/96				
LS	AH	WO 96/38168	12/5/96				

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LS	AI	Campochiaro et al., <i>Retinal Pigment Epithelial Cells Produce PDGF-like Proteins and Secrete them into their Media*</i> , Exp. Eye Res. Vol. 49, pp. 217-227, 1989.
LS	AJ	Frazier et al., <i>Expression of Connective Tissue Growth Factor mRNA in the Fibrous Stroma of Mammary Tumors</i> , Int. J. Biochem. Cell Bio., Vol. 29, No. 1, pp. 153-161, 1997.
LS	AK	Igarashi et al., <i>Connective Tissue Growth Factor Gene Expression in Tissue Sections From Localized Scleroderma, Keloid, and Other Fibrotic Skin Disorders</i> , The Journal of Investigative Dermatology, Vol. 106, No. 4, pp. 729-733, April 1996.


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Paper #5

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. FIBRO1130-2	Serial No.: 09/461,646
	Applicant(s): Grotendorst et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 14, 1999	Group Art Unit: 4646, 647

LS	AL	Igarashi et al., <i>Regulation of Connective Tissue Growth Factor Gene Expression in Human Ski Fibroblasts and During Wound Repair</i> , Molecular Biology of the Cell, Vol. 4, pp. 637-645, Ju 1993.
LS	AM	Igarashi et al., <i>Significant Correlation Between Connective Tissue Growth Factor Gene Expression and Skin Scleroderma in Tissue Sections from Patients with Systemic Sclerosis</i> , The Journal of Investigative Dermatology, Vol. 105, No. 2, pp. 280-284, August 1995.
LS	AN	Kikuchi et al., <i>Growth Regulation in Scleroderma Fibroblasts: Increased Response to Transforming Growth Factor-β1</i> , The Journal of Investigative Dermatology, Vol. 105, No. 1, pp. 128-132, July 1995.
	AO	Mori et al., <i>Role and Interaction of Connective Tissue Growth Factor With Transforming Growth Factor-β in Persistent Fibrosis: A Mouse Fibrosis Model</i> , Journal of Cellular Physiology Vol. 181, pp. 153-159, 1999. <i>paper #17</i>
LS	AP	Murphy et al., <i>Suppression Substrative Hybridization Identifies High Glucose Levels as a Stimulus for Expression of Connective Tissue Growth Factor and Other Genes in Human Mesangial Cells</i> , The Journal of Biological Chemistry, Vol. 274, No. 9, pp. 5830-5834, Issue c February 26, 1999.
LS	AQ	Oemar et al., <i>Human Connective Tissue Growth Factor Is Expressed in Advanced Atherosclerotic Lesions</i> , Circulation, Vol. 95, No. 4, pp. 831-839, February 18, 1997.
LS	AR	Ohnishi et al., <i>Increased Expression of Connective Tissue Growth Factor in the Infarct Zone of Experimentally Induced Myocardial Infarction in Rats</i> , J. Mol. Cell Cardio., Vol. 30, pp. 2411-2422, 1998.
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LS	AT	Shimo et al., <i>Connective Tissue Growth Factor Induces the Proliferation, Migration, and Tube Formation of Vascular Endothelial Cells In Vitro, and Angiogenesis In Vivo</i> , J. Biochem. Vol. 126, pp. 137-145, 1999.
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